

Applicant : Ilya Trakht et al.
Serial No.: 09/664,958
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Amendments to the Abstract:

Please replace the abstract with the abstract amended as indicated below, with deleted matter indicated by strikethrough and added matter indicated by underlining. A clean version of the amended abstract is attached hereto as **Exhibit A**.

D10
~~-- The present~~ This invention provides monoclonal antibody-producing hybridomas designated 27.F7 and 27.B1. The invention also provides a ~~method of~~ methods for detecting TIP-2 ~~antigen bearing~~ antigen-bearing cancer cells in a sample. ~~The invention provides a method of~~ detecting the presence of TIP-2 antigen, optionally on the surface of cancer cells. ~~The invention provides a method~~ immunohistochemical screening of a tissue section for the presence of TIP-2 antigen bearing cancer cells, diagnosing cancer in a subject. The invention provides a method monitoring progression of cancer wherein the cancer cells are TIP-2 antigen-bearing cells, delivering exogenous material to TIP-2 antigen-bearing cancer cells of a human subject. ~~The invention provides a method~~ and treating cancer in a human subject. The This invention further provides a kit for detecting the presence of TIP-2 antigen-bearing cancer cells. This invention also provides isolated peptides having the amino acid sequences Lys Leu Leu Gly Gly Gln Ile Gly Leu ~~(SEQ. ID No.)~~ (SEQ ID NO:3) and Ser Leu Leu Gly Cys Arg His Tyr Glu Val ~~(SEQ. ID No.)~~ (SEQ ID NO:4). ~~The invention provides a method for immunohistochemical screening of a tissue section for the presence of TIP-2 antigen bearing cancer cells. The invention provides a kit for detecting the presence of TIP-2 antigen bearing cancer cells. The invention provides a method for detecting the presence of TIP-2 antigen. The invention provides a method for~~

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~~immunohistochemical screening of tissue sections. The invention provides a method for monitoring progression of cancer wherein the cancer cells are TIP-2 antigen-bearing cells. The invention provides a method for diagnosing cancer associated with the expression of TIP-2.~~ --